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PATENT AND TRADEMARK OFFICE

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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APPLICANT
Toshinao ARAI et al.

FILING DATE
September 9, 2003

GROUP
~~1762~~ 1732

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
AA						
AB						
AC						
AD						

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

	DOCUMENT NO.	PUBL. DATE	COUNTRY OR PATENT OFFICE	CLASS	SUB CLASS	TRANSLATION YES NO
AI	A 10-45917	02/98	JP	/	/	with partial English translation and abstract
AJ	A 2001- 294667	10/01	JP	/	/	with partial English translation and abstract
AK						
AL						
AM						
AN						
AO						
AP						
AQ						

OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)

AT	
AU	
AV	
AX	
AY	

EXAMINER

[Signature]

DATE CONSIDERED

11/05